



**US Army Corps
of Engineers®**
Philadelphia District

PROJECT FACT SHEET

**Sedge Islands,
Barnegat Inlet, NJ**

September 2005

CONGRESSIONAL INFO: Sen. Corzine NJ, Sen. Sen. Lautenberg NJ, NJ, Rep. Saxton NJ-3

ACTIVITY: Continuing Authorities

TYPE: Environmental Restoration (Sect. 204)

STUDY PHASE: Construction

AUTHORITY: Water Resources Development Act of 1992, Section 204, as amended

LOCATION: Barnegat Inlet is located in Ocean County, New Jersey 32 miles northeast of Atlantic City between Island Beach State Park and the Borough of Barnegat Light. Sedge Islands are part of Island Beach State Park and adjacent to Barnegat Inlet and the associated channels. The Islands are owned and managed by New Jersey Department of Environmental Protection's Division of Parks and Forestry with a small parcel owned by the Division of Fish, Game and Wildlife.

PROJECT DESCRIPTION: The existing project modified: CWIS #62093 Federal navigation project for Barnegat Inlet, adopted in House Document No.73-19 in 1935 and Document No. 79-358 in 1946. The north jetty was constructed at 4,900 feet long and completed in 1939, while south jetty was 2,950 feet long and completed in 1940. The Supplemental Appropriations Act of 1985 and the Water Resources Development Act of 1986 authorized project modifications to construct a new parallel south jetty that was completed in 1991, with the channel dredging completed in 1992. This proposed project addresses the conservation of Little Bay by its protection from the beach at Sedge Islands. Protection of approximately 528 acres of wetlands which comprise Sedge Island and approximately 500 acres of inter-tidal and sub-tidal zones at Little Bay would be accomplished through the placement of sand-filled geotextile containers for approximately 2,500 linear feet. The feasibility study (issued July 1997) evaluated several alternatives to determine the optimal plan. The containers are anticipated to have a post-construction elevation of approximately four feet NAVD with a one thousand foot section constructed at an eleven foot elevation. The containers are filled with sand from the navigation channel. Sand will also be used to cover the containers providing protection. By agreement with the State of New Jersey, material removed from Barnegat Inlet maintenance dredging is placed at locations determined by the shoreline monitoring program. The Sedge Islands Protection project is expected to have a minimum 30-year life assuming the containers will remain essentially covered by sand. The New Jersey Department of Environmental Protection assumed maintenance responsibility as a part of this project to conduct any necessary replenishment.

The modification maintains and protects the current habitat. Over time, the numbers of colonial and beach nesting birds are expected to increase proportionately with the anticipated 15.7 additional acres of beach and dune. The fishery resources and habitat importance for the nursery

and juvenile populations will continue with the Islands and Little Bay used by Island Beach State Park for environmental education. These programs will continue to provide enriching learning experiences.

PROJECT STATUS: The construction contract was awarded on Aug. 20, 1999, but delayed to a variety of problems, including adverse conditions in the Barnegat Inlet. Construction was completed May 2002. Three project condition surveys were funded for FY03, 04, and 05. The project has been turned over to NJDEP. The fiscal close out is delayed by questions related to the settlement of construction contracts.

FINANCIAL DATA: (\$000)

Feasibility Phase:	\$ 180
Federal Cost:	* \$ 135
Non-Federal:	\$ 45
Plans & Specs:	\$ 140
Federal	* \$ 95
Non-Federal	\$ 35
Construction	\$4,400
Federal	\$3,290
Non-Federal	\$ 1,097
Total Cost:	\$4, 387

BUDGET DATA: (\$000)

FY01:	\$1,212
FY02:	\$1,000
FY03:	\$ 10
FY04:	\$ 10
FY05	\$ 10

*Funding was 100 percent federal for Feasibility and Plans and Specifications with non-federal reimbursement of 25 percent in the Construction phase.

In addition to the Federal share of Section 204 monies, \$333,000 was funded as Operations and maintenance dredging.

SPONSOR: New Jersey Department of Environmental Protection

CRITICAL ISSUES: None

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